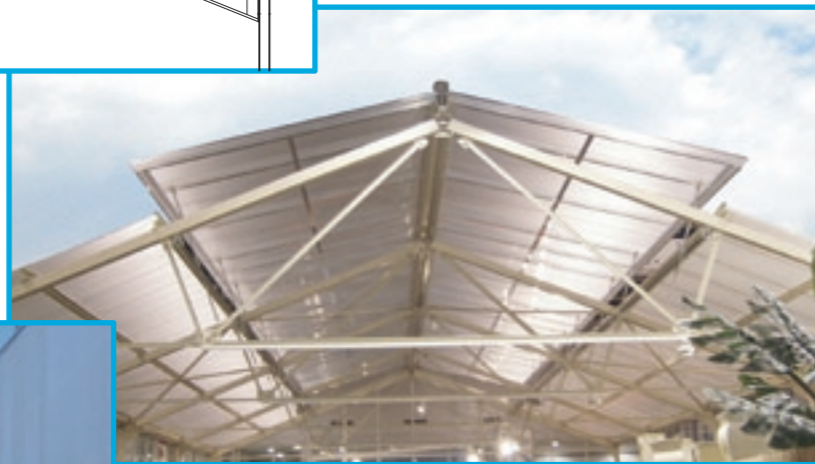
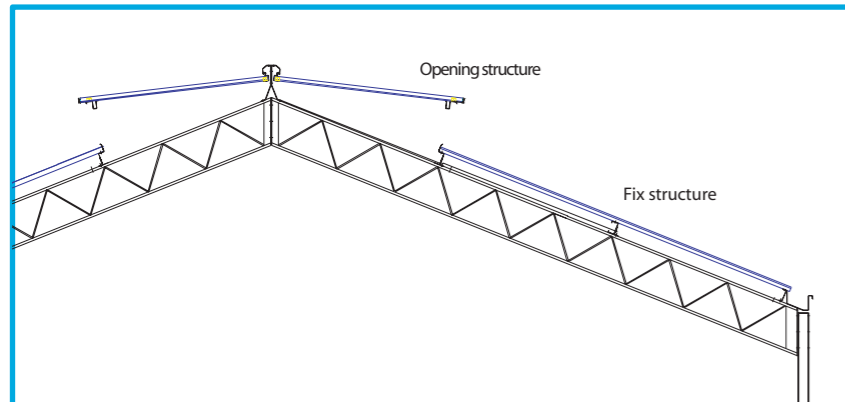
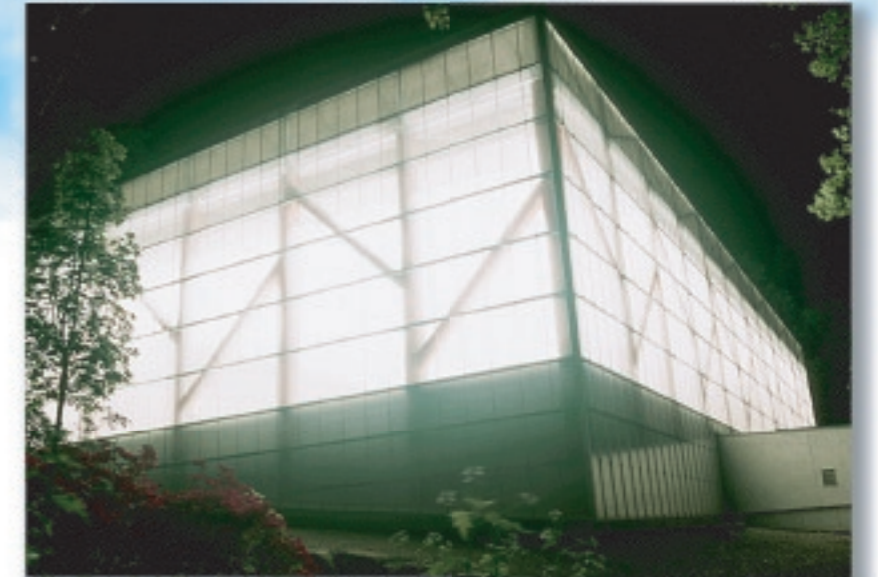


SOLUTION WITH OPENING ELEMENT



Systems of multi-wall polycarbonate panels for roofing and windowing

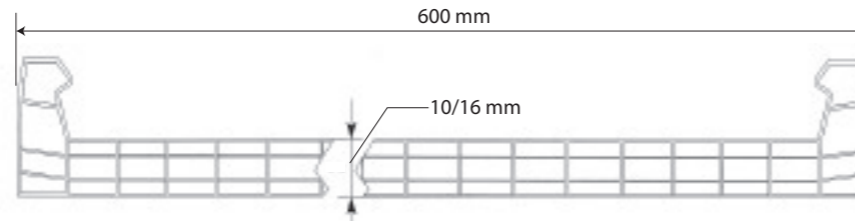
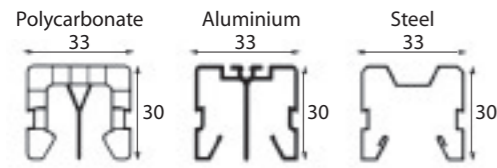
BDL SYSTEM



BDL 10
BDL 16

All the reported data can be changed by Politec SA at any time without obligation of notice. These data are the result of our best knowledge but they are non binding information and do not release Client to make own tests in order to check whether the products are suitable with the use they are planned for. The products having a weight lower than standard one reported herein are not covered by any guarantee.

Joining profile



BDL 10

BDL 16

Code
Thickness
Weight
Width
Standard length
Bending radius
Light Transmission (LT)

Solar control (G value)

Thermal insulation

Thermal expansion
UV protection
Fire behaviour
Joining profiles

JX03
10 mm
2,2 Kg/m²
600 mm
7000 mm
2200 mm
clear (8005) 76 %
Opal (8120) 48 %

clear (8005) 68 %
Opal (8120) 51 %

2,58 W/m² °K
2,22 Kcal/m² h °C

0,065 mm/m °C
co-extruded on both sides
available
Polycarbonate 7000-12000 mm length (code J443)
Aluminium 6000 mm length (code M9RA)
Steel 7500 mm length (code M9TB)

JX04
16 mm
2,9 Kg/m²
600 mm
7000 mm
3200 mm
clear (8005) 65 %
Opal (8120) 41 %

clear (8005) 67 %
Opal (8120) 48 %

2,15 W/m² °K
2,85 Kcal/m² h °C

0,065 mm/m °C
co-extruded on both sides
available
Polycarbonate 7000-12000 mm length (code J443)
Aluminium 6000 mm length (code M9RA)
Steel 7500 mm length (code M9TB)



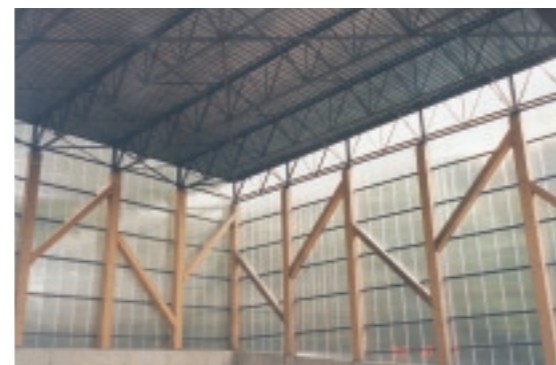
10 YEAR GUARANTEE

10 YEAR GUARANTEE

CHARGES

| FLAT INSTALLATION – Uniformly distributed load | | | | | | | |
|--|------|---|-------|-------------------|-------|---------------|-------|
| LOADS | | Maximum distance between the rafters (mm) | | | | | |
| | | Polycarbonate joining | | Aluminium joining | | Steel joining | |
| | | BDL10 | BDL16 | BDL10 | BDL16 | BDL10 | BDL16 |
| Pressure N/m ² | 900 | 1700 | 1900 | 2400 | 2600 | 2500 | 2700 |
| | 1200 | 1500 | 1800 | 2200 | 2400 | 2300 | 2500 |
| | 1500 | 1300 | 1600 | 1900 | 2000 | 2000 | 2100 |
| | 1800 | 1100 | 1300 | 1600 | 1700 | 1700 | 1800 |
| Suction N/m ² | 600 | 1600 | 1800 | 2200 | | 2200 | |
| | 900 | 1500 | 1700 | 2000 | | 2000 | |
| | 1200 | 1300 | 1500 | 1800 | | 1800 | |
| | 1500 | 1000 | 1300 | 1600 | | 1600 | |

Pressure and suction breaking loads: use the suitable security coefficient (Istituto Giordano Italy)

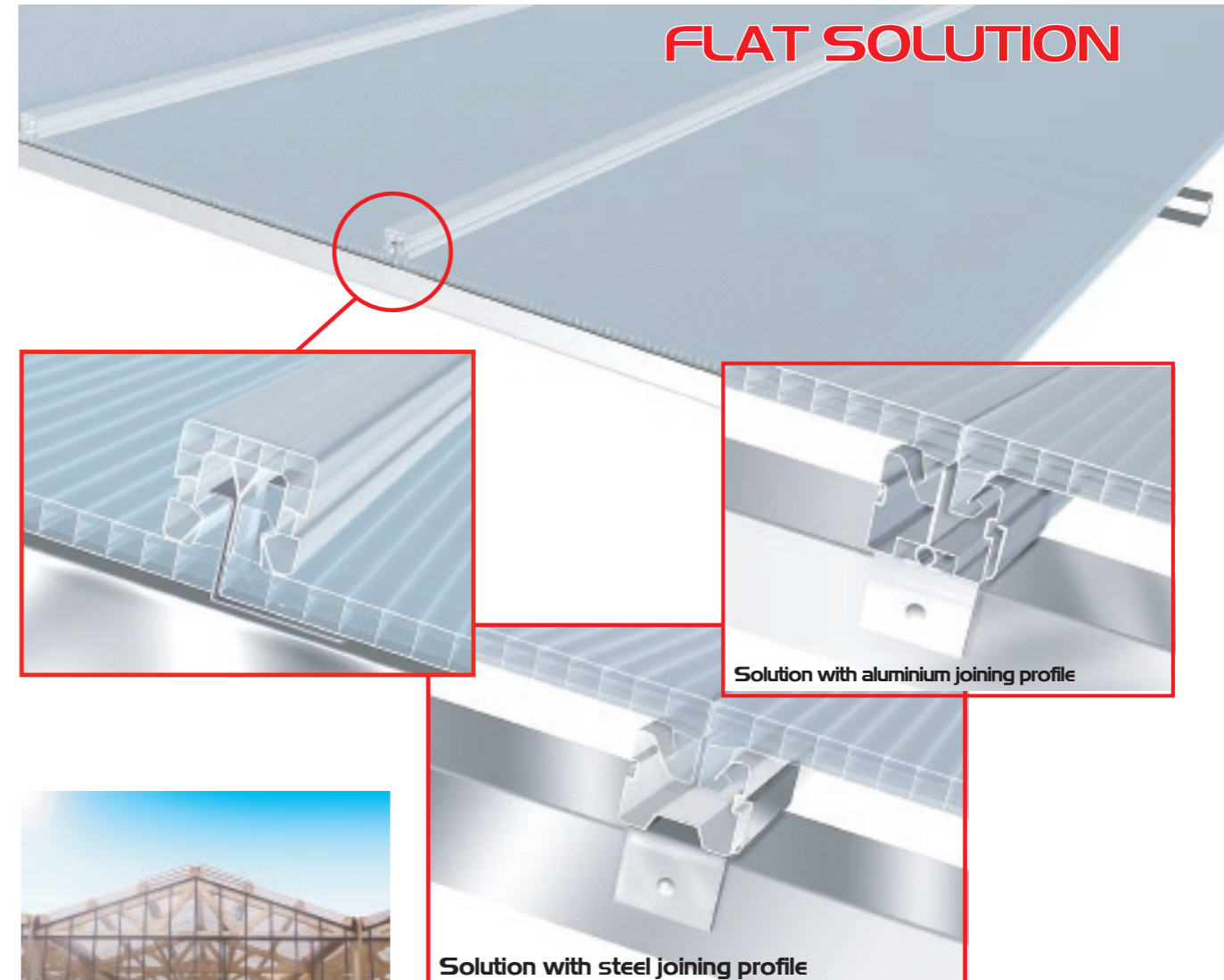


BDL panel system is extremely versatile and suitable for a wide range of transparent and luminous applications such as:

- skylights
- flat roofs
- penthouses
- windows

BDL system is sure, easy and quick to install thanks to the complete range of both aluminium and steel accessories.

FLAT SOLUTION



BDL system can be installed on a flat construction (a minimum slope must however be kept in any case) with two or more rafters. The panel joining can be made with the joining polycarbonate profile or, if needed owing to the load or to the size, with the joining aluminium or steel profile which assures an higher resistance. The polycarbonate profile must be installed towards outside: the aluminium and steel profiles must be installed inside. Thanks to the UV protection, co-extruded on the whole panel perimeter **BDL system** maintains unchanged excellent transparent and mechanical properties. BDL system is guaranteed for 10 years (Ask for a copy of the 10 year guarantee to our sales office).

